

## ABSTRACT

A polymer additive for improving the reheat characteristics of a polymer or polymeric composition comprises an inorganic material which is such that a 2.5mm thick polyethylene terephthalate plaque incorporating the inorganic material has, when tested, an absorption ratio of less than 0.9, wherein the absorption ratio is either the ratio of  $A_1/A_2$  or the ratio  $A_1/A_3$ , wherein:

$A_1$  is the maximum absorption between 400nm and 550nm;

$A_2$  is the maximum absorption between 700 to 1100 nm;

$A_3$  is the maximum absorption between 700 to 1600 nm.

Preferred inorganic materials are titanium nitride, indium tin oxide and lanthanum hexaboride.